

## Resources used in SOS Explorer mobile “Tour – HRRR-Smoke and 2020 Fires”

### SOS Explorer:

SOS Explorer mobile is the third in a line of data visualization tools that were created by the Global Systems Laboratory in Boulder, CO. Check out Science On a Sphere and SOSx.

[https://sos.noaa.gov/What\\_is\\_SOS/](https://sos.noaa.gov/What_is_SOS/)

### Smoke Visualizations:

HRRR-Experimental (HRRR-Smoke) is destined for operations soon but is not currently open, however HRRR is an operational National Weather Service weather model that can be found here:

<https://rapidrefresh.noaa.gov/hrrr/> . Both models were created at the Global Systems Laboratory in Boulder, CO.

### Wild fire statistics and graphs:

The New York Times - Record Wildfires on the West Coast Are Capping a Disastrous Decade.

<https://www.nytimes.com/interactive/2020/09/24/climate/fires-worst-year-california-oregon-washington.html>

The Washington Post – We’re at the peak of the global fire season.

<https://www.washingtonpost.com/climate-environment/2019/08/30/were-peak-global-fire-season/?arc404=true>

### Other good resources:

The New York Times - To find out what starts fires?

<https://www.nytimes.com/interactive/2020/10/02/us/fire-california-oregon-start.html>

Climate.gov - September 2020: Another record-setting month for global heat. <https://climate.gov/news-features/features/september-2020-another-record-setting-month-global-heat>

Climate.gov – The latest on Global Warming – Global Climate Dashboard. <https://climate.gov/>

Drought.gov – Real-time Drought Risk - Advancing Drought Science and Preparedness across the Nation.

<https://www.drought.gov/drought/>

8<sup>th</sup> Grade Earth Science NOAA Boulder Virtual Field Trip - <https://esrl.noaa.gov/outreach/8th-grade-science-days/>

